

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	111	((suzuri).in. with yoshiyuki) ((kita).in. with hiroshi) ((nakata).in. with aki)	US-PGPUB; USPAT; USOOCR	OR	ON	2008/12/30 14:31
L5	0	L4 and (hole blocking "% light emitting).clm.	US-PGPUB; USPAT; USOOCR	AND	ON	2008/12/30 14:31
L6	1	L4 and (organic electroluminescent element anode cathode phosphorescent hole blocking light emitting amount layer).clm.	US-PGPUB; USPAT; USOOCR	AND	ON	2008/12/30 14:33
S1	29131	(313/498-512 315/169,1,169,3 428/690-691,917 438/26-29,34,82 257/40,72,98-100,642-643,759 427/66,532-535,539).ccols.	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:23
S2	4350220	@ad<"20030723"	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:25
S3	1091	(electroluminescen\$2) and (hole near1 block\$3) and (electron near1 block\$3)	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:27
S4	269	S1 and S2 and S3	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:28
S5	42	(electroluminescen\$2) and (hole near1 block\$3) and (electron near1 block\$3)	EPO; JPO; DERWENT	OR	ON	2008/03/18 16:28
S6	22	S5 and @ad<"20030723"	EPO; JPO; DERWENT	OR	ON	2008/03/18 16:28
S7	22	S4 S6	EPO; JPO; DERWENT	OR	ON	2008/03/18 16:29
S8	269	S4 and (electron near1 block \$3)	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:33
S9	1211	S1 and (electron near1 block \$3)	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:36
S10	790	S1 and ("electron blocking")	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:36
S11	250	S10 and S2	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:37
S12	180	S11 and ("hole blocking")	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:38
S13	180	S12 and S1	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/18 16:38

S14	29131	(313/498-512 315/ 169.1,169.3 428/690- 691,917 438/26-29,34,82 257/40,72,98-100,642- 643,759 427/66,532- 535,539).cdls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S15	4350220	@ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S16	790	S14 and ("electron blocking")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S17	250	S16 and S15	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S18	180	S17 and ("hole blocking")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S19	30	S18 and ((phosphor\$6 fluorescent) near20 ("blocking"))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:20
S20	180	S18 and ("hole blocking") near1 contain\$3 consist\$3 made include\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:42
S21	5	S18 and ("hole blocking") near1 (contain\$3 consist\$3 made include\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:44
S22	23	S16 and ("electron blocking") near1 (contain\$3 consist\$3 made include\$1))	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:51
S23	6	S22 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 06:53
S24	3	("6750608" "5294869" "20020134984").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 07:15
S25	2	("20020134984"   "5294869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 07:23
S26	34	S16 and ("hole blocking") near2 compris\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 07:43
S27	0	S16 and ("hole blocking") near2 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:04
S28	0	S16 and ("hole blocking") near5 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:04
S29	10	S16 and ("hole blocking") near10 iridium)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:04
S30	2	("20020134984"   "5294869").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/19 08:15
S31	1	"20040115476"	US-PGPUB	OR	ON	2008/03/19 08:16
S32	29	S16 and Firpic	US-PGPUB	OR	ON	2008/03/19 08:36
S33	1	"20030059647"	US-PGPUB	OR	ON	2008/03/19 09:11

S34	2	S16 and (dop\$3 near10 weight near20 ("hole blocking") near20 (emiss\$4 emitt\$3 EL))	US-PGPUB	OR	ON	2008/03/19 09:54
S35	8	S16 and (("hole blocking") near10 plural\$3)	US-PGPUB	OR	ON	2008/03/19 10:21
S36	1	"20040048101"	US-PGPUB	OR	ON	2008/03/19 10:50
S37	1	"20030059647"	US-PGPUB	OR	ON	2008/03/19 10:57
S38	0	S15 and ("electron blocking") near5 (phosphor \$6 fluorescent))	US-PGPUB	OR	ON	2008/03/19 11:07
S39	3	S15 and ("electron blocking") near10 (phosphor \$6 fluorescent))	US-PGPUB	OR	ON	2008/03/19 11:07
S40	36	S15 and ("electron blocking") near10 (compris \$3 made consist\$3 includ \$3))	US-PGPUB	OR	ON	2008/03/19 11:09
S41	32	S15 and ("electron blocking") near5 (compris\$3 made consist\$3 includ\$3))	US-PGPUB	OR	ON	2008/03/19 11:09
S42	22	S15 and ("electron blocking") near2(compris\$3 made consist\$3 includ\$3))	US-PGPUB	OR	ON	2008/03/19 11:09
S43	31	("electron blocking") near10 (phosphor\$6 fluorescent)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/19 11:21
S44	1098	(electroluminescen\$2) and (hole near1 block\$3) and (electron near1 block\$3)	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 11:17
S45	52	S44 and ("Firpic")	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 11:17
S46	41	S45 and (Firpic near10 (emiss\$3 emitt\$3))	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 11:18
S47	17	S46 and @ad< "20030723"	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 11:19
S48	700	S44 and (electron near1 blocking)	US-PGPUB	OR	ON	2008/03/25 12:03
S49	26	S48 and ((electron near1 blocking) near20 (phosphor \$6))	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 12:04
S50	4	S49 and @ad< "20030723"	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 12:08
S51	993	S44 and (electron near1 blocking)	US-PGPUB; USPAT; USOOCR	OR	ON	2008/03/25 12:12

S52	8	S51 and ((electron near1 blocking) near5 (Firpic Ir (ppy)))	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:12
S53	0	S52 and ("Ir(ppy)")	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:13
S54	48	S51 and Irppy	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:14
S55	0	S54 and ((electron near1 blocking) near10 Irppy)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:15
S56	0	S54 and ((electron near1 blocking) near20 Irppy)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:15
S57	13	S54 and ("white light")	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:25
S58	9	S44 and ("hole blocking layer") near10 plurality	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:29
S59	4493	(428/690,917).ccls.	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:50
S60	782	S59 and ((electron charge exciton) near1 block\$3)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:50
S61	81	S59 and ((electron near1 block\$3) near5 (consist\$4 compris\$3 made includ\$3))	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:52
S62	22	S61 and @ad< "20030723"	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 12:52
S63	0	S60 and ((electron near1 block\$3) near5 plurality)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:16
S64	0	S60 and ((electron near1 block\$3) near10 plurality)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:17
S65	5	S60 and ((electron near1 block\$3) near10 (multiple many several plurality))	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:17
S66	1503	((electron charge exciton hole) near1 block\$3) near20 (light near1 emi\$5)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:26
S67	454	S66 and @ad< "20030723"	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:27
S68	376	S67 and (fluorescent luminescent phosphorescen \$2)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:27
S69	0	S68 and ("amount of light emitted")	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:32
S70	25	S68 and (light adj emitted) near10 (amount range)	US-PGPUB; USPAT; USOOR	OR	ON	2008/03/25 13:34
S71	0	((hole electron charge exciton) near1 block\$3) and (light adj emitted) near10 (amount percent\$3 range)	EPO; JPO; DERWENT	OR	ON	2008/03/25 13:40
S72	1	((hole electron charge exciton) near1 block\$3) and ((light adj emitted) near20 (amount percent\$3 range))	EPO; JPO; DERWENT	OR	ON	2008/03/25 13:41

S73	245	S48 and ("liquid crystal")	US-PGPUB	OR	ON	2008/03/25 14:53
S74	411	S60 and ("blocking layer")	US-PGPUB	OR	ON	2008/03/25 14:55
S75	563	S60 and ("blocking layer")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 14:55
S76	145	S75 and ("liquid crystal")	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 14:55
S77	63	S76 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:08
S78	1	S75 and (multiple near1 hole)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:34
S79	172	("hole blocking") near10 (multiple plural\$3 several many numerous)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:37
S80	57	S79 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/25 15:37
S81	19496	(hole near1 block\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:36
S82	3013	S81 and (OLED OELD electroluminescen\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:36
S83	982	S82 and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:36
S84	54	S83 and ((hole near1 block \$3) near3 (first second one two))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:39
S85	0	S83 and (second near1 ("hole blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:43
S86	18	(second near1 ("hole blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:44

S87	11	("second near1 ("exciton blocking"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 09:48
S88	7	("hole blocking layer 2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 10:15
S89	1	"7022421".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:22
S90	7065	(Ga(pma)".sub.3") near40 (phosphor scintillat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:33
S91	5955	(Ga(pma)".sub.3") near40 (phosphor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:34
S92	2803	(Ga(pma)".sub.3") near5 (phosphor)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:34
S93	0	("Ga(pma)") near5 phosphor	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:35
S94	0	("Ga(pma)") near40 phosphor	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 11:35
S95	0	("Ga(pma)") near40 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:36
S96	0	("Ga\$pma") near40 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:36
S97	0	Ga near3 ".sub.3" near40 phosphor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:37
S98	67	("electron blocking") near20 (phosphor luminescent fluorescent)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 11:59
S99	7	("electron blocking") near10 (PVK)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:12

S100	29	(PVK) near10 (("emissive layer") ("emission layer"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:31
S101	12	S100 and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 12:35
S102	10	("hole blocking") near10 (PVK !r\$1ppy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 13:09
S103	2308308	(amount light hole blocking layer range ("0.1 to 50% ") emitting).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:03
S104	0	(amount light hole blocking layer range ("0.1 to 50% ") emitting).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 14:03
S105	0	(amount light electron blocking layer range ("0.1 to 50% ") emitting).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/03/26 14:04
S106	17	"20030059647" "6580213" "20040043251"	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:45
S107	3	("20030059647" "6580213" "20040043251").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/26 14:47
S108	1	S102 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:48
S109	0	S101 and liu.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:48

S110	0	S100 and liu.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:49
S111	18	(second near1 ("hole blocking"))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:50
S112	1	S111 and liu.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:50
S113	1	S102 and liu.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:51
S114	430	Jie and liu.in.	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:53
S115	162	S114 and @ad<"20030723"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:53
S116	0	S115 and ("hole blocking")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:54
S117	0	S115 and PVK	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:54
S118	20	S114 and PVK	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 14:54

S119	10	("hole blocking") near10 (PVK Ir\$1ppy)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:01
S120	4	S119 and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:01
S121	4	((PVK near20 ("hole blocking")) and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:03
S122	12	((PVK Ir\$1ppy Firpic) near20 ("hole blocking")) and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:35
S123	41	(Firpic) near20 (( "emission layer" ) ("emitting layer" ))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:41
S124	3	S123 and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 15:41
S125	2	"20020182441".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/26 16:17
S126	1	"20020182441".pn.	US-PGPUB	OR	ON	2008/03/26 16:17
S127	176	("hole blocking") near2 (("2") second)	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/01 07:54
S128	24	("hole blocking") near2 (("2") second)	EPO; JPO; DERWENT	OR	ON	2008/04/01 07:54
S129	294	(hole near1 block\$3 near2 second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 07:57

S130	181	S129 and @ad<"20030723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/04/01 07:57
S131	1	(organic electroluminescent anode cathode light emitting layer phosphorescent hole blocking adjacent range "0.1" 50% electron amount). clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/08 16:21
S132	1	(organic electroluminescent anode cathode light emitting layer phosphorescent hole blocking adjacent range "0.1" 50% electron amount). clm.	US-PGPUB; USPAT; USOCR	AND	ON	2008/04/08 16:21
S133	1	"6541909".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 08:40
S134	3126	("hole blocking layers")	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 11:26
S135	452	S134 and (electroluminescent OLED OELD) and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/14 11:27
S136	448	S134 and (electroluminescent OLED OELD) and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 11:28
S137	35	S135 and (second with ("hole blocking"))	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/14 11:29
S138	1	"6951694".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 06:57
S139	1	"6541909".pn.	USPAT	OR	ON	2008/04/15 07:03
S140	3	("6541909" "20020197554" "6951694").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/04/15 13:35
S141	47	((("hole blocking") with ("% percent)) and (emit\$5 with ("% " percent)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 08:25
S142	13	("20020038867"   "2004146744"   "4356429"   "4539507"   "4720432"   "4769292"   "5093698"   "5247190"   "5601903"   "5807627"   "6423429"   "6566807"   "6589673").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 08:39

S143	4	(["6268965"   "6497598"   "6670772"   "6699597").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:44
S144	8	("20030091860"   "20040056266"   "20040066135"   "20040094452"   "20040110031"   "20040214041"   "6358633"   "6750608").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:45
S145	9	("20010052751"   "5466950"   "6281627"   "6338908"   "6458475"   "6541905"   "6566807"   "6693352"   "6916554").PN.	US-PGPUB; USOOR	OR	ON	2008/12/30 08:47
S146	35	("20010053462"   "20020050786"   "20020071963"   "20030170491"   "5231329"   "5540999"   "5703436"   "5707745"   "5721160"   "5756224"   "5757026"   "5757139"   "5811833"   "5834893"   "5837391"   "5844363"   "5861219"   "5874803"   "5917280"   "5922396"   "5932895"   "5953587"   "5981306"   "5986268"   "5986401"   "5998803"   "6005252"   "6013538"   "6013982"   "6097147"   "6303238"   "6420031"   "6469437"   "6580213"   "7009338").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:48
S147	5	("20030143430"   "4760006"   "5366811"   "5466392"   "6541129").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:50
S148	6	("5701055"   "5742129"   "5909081"   "5952037"   "6114086"   "6373182").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:51
S149	17	("20020134984"   "20030230980"   "4769292"   "5247190"   "5703436"   "5707745"   "5834893"   "5844363"   "6013982"   "6087196"   "6091195"   "6097147"   "6294398"   "6303238"   "6337102"   "6468819"   "6565994").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:53
S150	5	("4951041"   "5296920"   "5479272"   "5684365"   "6400347").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:55
S151	4	("5393614"   "6010796"   "6310360"   "6312836").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2008/12/30 08:55

S152	6	("5457565"   "5684365"   "5739635"   "5952779"   "5969474"   "6180963").PN	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 08:56
S153	5	("5457565"   "5648181"   "5820996"   "5952779"   "5969474").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 08:57
S154	1	"20030059647".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 09:02
S155	1	"6541909".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 09:07
S156	47	((("hole blocking") with ("% percent)) and (emit\$5 with ("% percent)))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 12:54
S157	12	S156 and @ad<"20030723"	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 12:54
S158	5	((hole near1 block\$3) with (lumen luminosity))	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 13:04
S159	0	((electron near1 block\$3) with (lumen luminosity))	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 13:05
S160	0	((electron near1 block\$3) with (lumen luminosity))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:05
S161	5	((hole near1 block\$3) with (lumen luminosity))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:05
S162	7	((("electron blocking") with ("% percent)) and (emit\$5 with ("% percent)))	US-PGPUB; USPAT; USOCR; FFPS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/30 13:09
S163	111	((suzuri).in. with yoshiyuki) ((kita).in. with hiroshi) ((nakata).in. with aki)	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 14:26
S164	35	S163 and (hole near1 blocking) and "%" and light and emitting	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 14:28
S165	30	S164 and phosphorescent	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/30 14:28

12/30/2008 2:36:07 PM

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